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STOKESLEY RURAL DISTRICT COUNCIL.

Medical Officer's
ANNUAL REPORT.
FOR THE YEAR
1943.

THE RURAL DISTRICT OF STOKESLEY.

Chairman of the Council:
JOSEPH WILLIAM HEBRON, ESQ.

Vice-Chairman.
HENRY WILLINS TARRAN, ESQ.

Chairman of the Public Health and Plans Committee.
H.W. TARRAN, ESQ.

Chairman of the Housing Committee.
H.W. TARRAN, ESQ.


Clerk to the Council:
H. WYNNE POTTS.

Medical Officer of Health:
† F.D. ROSS-KEYT, M.B., Ch.B., D.P.H.

Sanitary Inspectors:
† A. CLIFTON WALKER, C.R.S.l., M.S.I.A.
† T.S. YARROW, Cert. S.I.B. * .

Clerk:
Sybil Thomas.

† Contribution to Salary from Exchequer.
* In H.M. Forces.



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SECTION A

Statistics and General Conditions of the Area.

Area (in acres)	90,182
Registrar-General's estimate of resident population, mid-1943	...	...	...	15,370
Average population appropriate to the calculation of death rates	...	...	...	15,370
Number of inhabited houses (end of 1943) according to Rate Books.	...	...	...	5,532
Rateable Value	...	...	...	£77,727
Sum represented by a penny rate	...	...	...	£300

	Total	M.	F.	
Live Births:	262	141	121	
Legitimate	243	130	113	Birth Rate per 1,000 of the estimated resident population: 17.0.
Illegitimate	19	11	8	
Still Births	8	3	5	Rate per 1,000 total (live and still) births: 29.6.
Deaths	188	88	100	Death Rate per 1,000 of the estimated resident population: 12.2.

Deaths from puerperal causes (Headings 29 and 30 of the Registrar-General's Short List):

	Deaths.	Rate per 1,000 total (Live and Still) Births.
No. 29 Puerperal sepsis	-	-
No. 30 Other Puerperal causes	1	3.7
Total	1	3.7

Death Rate of Infants under one year of age:

All infants per 1,000 live births	...	...	38.2
Legitimate infants per 1,000 legitimate live births			32.9
Illegitimate infants per 1,000 illegitimate live births	...	...	52.6

Deaths from Cancer (all ages)	...	...	...	15
" " Measles (all ages)	...	...	...	--
" " Whooping Cough	...	...	...	--
" " Diarrhoea (under 2 years of age)	...	...	...	--

There was no unusual or excessive mortality during the year which requires comment.

SECTION B.

General Provision of Health Services for the Area.

(a) LABORATORY FACILITIES:

During July the Council made arrangements to adopt the improved facilities offered by the Emergency Public Health Laboratories, Northallerton, in respect of diagnosis of pathological specimens, at a fixed charge based on the average expenditure of previous years for this service.

(b) AMBULANCE FACILITIES:

The whole of the District possesses ambulance facilities.

The St. John Ambulance Association (Great Ayton Division) serves the greater part of the District, and the Council now makes an annual contribution to the funds of the Division.

An agreement is made with the Stockton Corporation whereby the Parish of Yarm has the use of the Corporation ambulance for purposes other than the removal of infectious disease cases.

Cases of infectious disease occurring in the District are removed by the ambulance of the Middlesbrough Corporation to the Corporation Isolation Hospital, Middlesbrough.

(c) NURSING IN THE HOME:

In all Parishes the District Nurse also undertakes midwifery.

(d) TREATMENT CENTRES AND CLINICS:

The North Riding County Council Ante-Natal and Infant Welfare Clinics in the Rural District are held as follows:

Ante-Natal Clinics.		Infant Welfare Clinics.	
Yarm	- fortnightly on Thursdays.	Ormesby	- fortnightly on Wednesdays.
Ormesby	- fortnightly on Wednesdays.		
Stokesley	- fortnightly on Wednesdays.	Great Ayton-	1st & 3rd Thursdays, (except August).

(e) HOSPITALS (PUBLIC AND VOLUNTARY):

The hospital arrangements remain unchanged.

SECTION C.

Sanitary Circumstances of the Area.

1. (i) WATER.

The Council's Water Schemes, which now supply 19 parishes, have operated satisfactorily during the year. Close attention has been paid to any action on lead. Samples have been taken regularly and the analyst's reports during the year have been satisfactory.

Chlorination:- All water is chlorinated. A Wallace and Tiernan Constant Flow Hypochlorinator is connected to the mains on both the Turkey Nab and Scugdale systems below the reservoir and above all connections.

These machines have operated satisfactorily during the year, and tests are regularly carried out to ensure that there is no excess chlorine in the domestic supply.

During July grave concern was felt owing to the exceptionally low yield of the springs. Both schemes were affected and for two weeks the consumption exceeded the yield and the storage reservoirs were emptied.

The Tees Valley Water Board were consulted, and by arrangements with them we were able to serve part of the area.

With careful conservation this arrangement enabled us to raise the level in our reservoirs during the night.

Resulting from this shortage a scheme is in course of preparation for increasing the supply by introducing additional springs and also for improving and increasing storage and distribution.

Details of all supplies of water in the Council's area are appended hereto.

PUBLIC WATER SYSTEMS.

Tees Valley Water Board.

Parish.	No. of Connections.
Great Ayton 	577
Hemlington 	25
Maltby 	52
Marton 	363
Nunthorpe 	109
Ormesby 	752
Stainton 	106
Stokesley 	453
Yarm 	553
Total	2,990

Stokesley R.D.C. (Turkey Nab).

Parish.	No. of Connections.
Carlton 	75
Great & Little Broughton	150
Great Busby 	16
Hilton 	25
Hutton Rudby 	245
Ingleby Barwick.. 	20
Kirkby 	57
Little Busby 	2
Middleton 	10
Potto 	30
Rudby 	12
part Faceby 	2
Total	644

Stokesley R.D.C. (Scugdale).

Parish.	No. of Connections.
Castleleavington 	7
Crathorne 	43
High Worsall 	10
Kirkleavington.. 	41
Low Worsall 	20
Picton 	33
Whorlton 	120
part Potto 	10
part Hutton Rudby 	6
part East Rounton 	2
Total	292

* TEES VALLEY WATER BOARD MAINS EXTENSION.

Parish.	No. of Connections.
Newby 	34
Total	34

* Water purchased in bulk from the Tees Valley Water Board and distributed through the extended mains which are the property of the Stokesley Rural District Council.

The following table shows particulars of those Parishes which are not served with water by public piped supplies.

Parish.	Nature of Supply.
Bilsdale Midcable ...	Pumps and wells and partial piped supply of the Feversham Estate.
Easby	Pumps and wells and partial private piped supply.
East Rounton	Private piped supply of the Rounton Estate and part Stokesley R.D.C. Scugdale supply.
Faceby	Pumps and wells and partial private piped supply.
Ingleby Arncliffe ...	Private piped supply of Arncliffe Estate.
Ingleby Greenhow ...	Private piped supply of Ingleby Greenhow Estate.
Kildale	Private piped supply.
Little Ayton	Pumps and wells.
Seamer	Private supply of Seamer Water Company.
Sexhow	Pumps and wells.
Skutterskelfe	Pumps and wells.

In the above Faceby is the only village of over 20 houses without a piped water supply.

WATER ANALYSIS.

No.	Date of Sampling.	Address.	Summary of Analyst's Report.
1	3.2.43	Spring supply to shallow ditch well. The Rectory, Bilsdale.	Free from pollution with sewage, but access of surface drainage.
2	4.2.43	Turkey Nsb Supply. Chlorination House, Ingleby Greenhow.	Present condition satisfactory for public supply.
3.	5.2.43.	Scugdale Supply. Worsell Hall, Yarm.	-do-
4	2.7.43.	Scugdale Supply. Holly Farm, Scugdale.	Present condition of water fit for drinking purposes.
5	27.10.43.	Surface Well. White Cottage, Easby.	Considered fit for drinking purposes.
6	27.10.43.	Moorland Spring. Clogger Hall, Ingleby Greenhow.	Satisfactory for drinking and general domestic purposes.
7	27.10.43.	Moorland Spring. Merebeck, Faceby.	Satisfactory for drinking and domestic purposes.
8	27.10.43.	Moorland Spring. Holiday House, Scugdale.	Satisfactory for drinking purposes.
9	16.11.43.	Tap. School Farm, Great Ayton.	Small proportion (B Coli type 1) Suitability for drinking must be regarded with suspicion.

Bacteriological Analysis.

1(B)	23.9.43.	Moorland Spring, Clogger Hall, Ingleby Greenhow.	Highly satisfactory for drinking purposes.
2(B)	23.9.43.	Moorland Spring. Scugdale Hall, Scugdale.	Satisfactory for drinking purposes.
3(B)	23.9.43.	Moorland Spring. Holiday House, Scugdale.	Highly satisfactory for drinking purposes.

(ii) DRAINAGE AND SEWERAGE.

After twelve years running it has been found necessary to overhaul the three pumps operating on the Stokesley Sewerage Scheme. Three new impellers were fitted and one 15 h.p. motor repaired.

The Works are situated as follows:

Position of Works.	Area Served.
Cargo Fleet Lane, Ormesby.	Part of Parish of Ormesby.
Gipsy Lane, Marton. ...	Part of Parishes of Marton, Nunthorpe and Ormesby.
Gunnergate Lane, Marton.	Part of Parish of Marton.
Great Ayton.	Parish of Great Ayton.
Stokesley.	Parish of Stokesley.
Busby.	Village of Busby.
Kirkleavington.	Village of Kirkleavington.
Yarm.	Worsall Road and Council's Housing Estate.

2. RIVERS AND STREAMS.

During the year the following streams which receive sewage have been cleansed:

Stainton Beck, Stainton.
River Leven, Great Ayton.
River Leven, Stokesley.
Carlton Beck, Carlton.

3. (i) CLOSET ACCOMMODATION.

During the year seven privies have been converted to water closets, all in the Parish of Great Ayton.

(ii) PUBLIC CLEANSING:

Refuse Collection is carried out by direct labour in twelve parishes. For this purpose a "Dennis" 9 c.yd. and a "Karrier Bantam" 7 c.yd. refuse Collection Vehicles are used. A "Karrier Cob" vehicle is held as a standby in case of breakdown.

A summary of work performed for the year is set out below:

Vehicle	Working Days.	Loads.	Bins.	Pans.	Ashpits.	Miles.
Dennis	307	730	54818	17137	1200	6814
Bantam	310	795	38461	21962	2043	15248
Total	610	1525	93279	39099	3243	22062

The Dennis Vehicle collects in the Parishes of Great Ayton, Hemlington, Marton, Nunthorpe, Ormesby and Stainton, and, from the aforementioned figures, travels an average of 9.33 miles per load.

The Bantam Vehicle collects in the Parishes of Carlton, Hutton Rudby, Ingleby Arncliffe, Stokesley, Whorlton and Yarm. This district is more rural in character, with greater distances between villages, and thus requires longer leads to the tip for disposal and, from the aforementioned figures, travels an average of 19.15 miles per load.

Based on these figures, an average of 439 premises are visited daily.

The refuse is disposed of at the Council's Refuse Tip, Quarry Farm, Nunthorpe. This is a disused Whinstone Quarry. The tip is maintained in a satisfactory manner, and no complaints of nuisance have been received.

(iii) SALVAGE:

Salvage collection during the year was very successful. The organisation, with Salvage Stewards in every village has worked very well, and it was due to their efforts that the special drive for paper in the summer yielded such a large and valuable amount of material.

Materials collected during the year are detailed as follows:

			Tons.	Cwts.	Qrs.	£. s. d.
Paper	...	...	76	-	1	481.18. 2
Rags	...	...	3	8	3	44.17. 6
Sacks	...	...	5	1	2	21. 0.10
Metal	...	...	14	13	-	30. 5. 3
N.F. Metal		...	-	4	-	4. 7. 9
Tins	...	...	31	16	2	24. 5. 5
Bones	...	...	2	-	1½	7.19. 5
Rubber	...	...	3	2	3	20. 4. 5
Totals			136	7	-½	634.18. 9

(iv) SANITARY INSPECTION OF THE AREA:

Summary of Inspections.

Complaints	...	...	...	...	148
do. re-visits	...	...	...	...	131
Housing Act	...	...	...	...	36
do. re-visits	...	...	...	...	12
Infectious Diseases	...	...	...	...	47
Disinfection	...	...	...	...	55
Meat and Food Inspection		...	...	...	49
Dairies and Cowsheds	...	...	...	...	46
Water Supply	...	...	...	...	78
Temporary Dwellings	...	...	...	...	11
New Buildings	...	...	...	...	59
Drain Work	...	...	...	...	35
Factories and Workshops		...	...	...	2
Privy Conversions	...	...	...	...	17
Sewers and Sewage Works		...	...	...	85
Refuse Collection and Disposal	...	...	...	...	96
Salvage	...	...	...	...	94
					<hr/> 1001 <hr/>

Nuisances.

Number of Inspections made	...	...	...	...	182
" " re-inspections made	...	...	...	...	143
" " Informal Notices served		...	...	...	118
" " Statutory Notices served		...	...	...	3
" " Nuisances discovered	...	...	...	...	179
					<hr/>
Roofs repaired	...	...	...	...	26
Walls "	...	...	...	...	20
Floors relaid	...	...	...	...	9
Ceilings repaired	...	...	...	...	9
House Water Supplies	...	...	...	...	7
Yard surfaces	...	...	...	...	2
Refuse Bins renewed	...	...	...	...	38
Closet Pans renewed	...	...	...	...	23
Foul Cesspools	...	...	...	...	15
Foul Drains	...	...	...	...	37
Foul Ashpits	...	...	...	...	2
Defective Privies	...	...	...	...	4
Defective Window Frames	..	...	...	...	6
Defective Cooking Ranges	..	...	...	...	10
Defective Spouts	...	...	...	...	12
Defective Rain Water Pipes		...	...	...	10
Defective Water Service Pipes	...	...	...	...	4
Dirty Premises	...	...	...	...	1
Miscellaneous repairs not enumerated above					26

(v) HOUSING AND BUILDING PLANS:

59 visits were made with respect to new buildings.

Seven plans were approved during the year. These included plans for 12 Agricultural Workers Cottages (4 at Yarm; 4 at Great Ayton and 4 at Nunthorpe). Work was commenced in July and the first 4 completed in November.

(vi) SHOPS:

No action has been required.

(vii) SMOKE ABATEMENT:

No action has been required regarding the abatement of nuisances from smoke.

(viii) SWIMMING BATHS AND POOLS:

There are no swimming baths or pools (publicly or privately owned) which are open to the public.

(ix) ERADICATION OF BED BUGS:

No action has been required.

(x) RATS AND MICE DESTRUCTION:

During October a communication was received from the North Riding County Council proposing the delegation of their powers under the Rats & Mice (Destruction) Act, 1919. The powers were accepted.

Infestation Order, 1943, (S.R. & O. 680).

Arrangements were made to advertise for and appoint a Rodent Officer to make a survey and to carry out the duties under the Rats & Mice (Destruction) Act.

4. SCHOOLS:

All the schools in the District have been visited during the year. Reports on the sanitary condition and the water supply have been forwarded to the County School Medical Officer.

SECTION E.

Inspection and Supervision of Food.

(a) MILK SUPPLY:

Under the Milk and Dairies Order there are 648 Registered Producers in the area.

Under the Milk (Special Designation) Order, 1936, the North Riding County Council issued the following licences in respect of milk produced in the Stokesley Rural District:

Designation.	No.
Accredited 	54
Tuberculin Tested... ...	<u>49</u>
	<u>103</u>

During the year 1 Accredited and 1 Tuberculin Tested licences were cancelled and 2 Tuberculin Tested licences were transferred to Accredited.

The District Council have not issued any licences under this Order.

The Milk Testing and Advisory Scheme has been operated by the North Riding War Agricultural Committee during the year.

The practice of advising the District Council of adverse reports on samples of milk produced in the area was discontinued.

One report was received of a producer whose milk showed continuous adverse reports. The premises were visited and notice served in respect of contravention of the Order.

(b) MEAT AND OTHER FOODS:

Since the adoption of the Meat Distribution Scheme by the Ministry of Food, slaughtering has ceased within the area, all meat supplied to butchers in the area being drawn from the Distributing Centre at Middlesbrough and the local butchers distributing from one centre.

The only inspections of slaughter in the area have been emergency cases and where the carcase has been found fit for food it has been sent to the Distributing Centre for disposal.

Regular visits are made to butchers' establishments and the quality of the meat supplied to the area has been found to be satisfactory.

SECTION F.

Prevalence of, and Control over, Infectious & other Diseases.

Diphtheria Prophylaxis.

Number Immunised 1937/1942.	Number Immunised in 1943.	Total
2870	342	3212

Estimated total number of Children under 15 years of age:- 3617.

Percentage of Children immunised:- 89%.

Notifiable Diseases (other than Tuberculosis) During the Year 1943.

Disease.	Total Cases Notified	Cases Admitted to Hospital.	Total Deaths.	Cost of Removal and Treatment.
				£. s. d.
Diphtheria	10	10	-	140.17. 7
Dysentery (Bacillary)	1	1	-	4.12.10
Erysipelas	3	-	-	- - -
Measles	233	-	-	- - -
Pneumonia	27	-	-	- - -
Puerperal Pyrexia	2	2	-	10.10. 0
Scarlet Fever	37	29	-	202. 1. 4
Whooping Cough	43	-	-	- - -
Totals	356	42	-	358. 1. 9

PREVENTION OF BLINDNESS.

No action was taken under Section 176 of the Public Health Act, 1936, for the prevention of blindness or for the treatment of persons suffering from any disease or injury to the eye.

TUBERCULOSIS.

New Cases and Mortality during 1943.

		New Cases.				Deaths.			
		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
		M.	F.	M.	F.	M.	F.	M.	F.
0-	...	-	-	-	-	-	-	-	-
1-	...	-	-	-	-	-	-	-	-
5-	...	-	-	1	-	-	-	-	-
15-	...	-	1	-	-	-	-	-	-
25-	...	2	-	-	-	-	-	-	-
35-	...	-	-	-	1	-	-	-	-
45-	...	-	-	-	-	-	-	-	-
55-	...	-	-	-	-	-	-	-	-
65 & upwards.		-	-	-	-	-	-	-	-
		2	1	1	1	-	-	-	-

PARISHES:-

New Cases - Respiratory -

Male - 1 Ormesby, 1 Faceby.

Female - 1 Seamer

Non-Respiratory -

Male - 1 Ormesby.

Female - 1 Ingleby Greenhow.

Deaths - NIL.

CAUSES OF DEATH IN THE STOKESLY RURAL DISTRICT
DISTRICT FOR THE YEAR 1943.

Cause of Death	Total	Males	Females
Typhoid and Paratyphoid Fevers ...	-	-	-
Measles	-	-	-
Scarlet Fever	-	-	-
Whooping Cough	-	-	-
Diphtheria	-	-	-
Influenza	10	2	8
Encephalitis Lethargica ...	-	-	-
Cerebro-Spinal Fever	-	-	-
Tuberculosis of Respiratory System	7	3	4
Other Tuberculosis	2	1	1
Syphilis	-	-	-
Cancer	15	7	8
Diabetes	3	2	1
Cerebral Haemorrhage	19	5	14
Heart Disease	56	33	23
Other Circulatory Diseases ...	5	1	4
Bronchitis	5	2	3
Pneumonia (all forms)	10	7	3
Peptic Ulcer	5	2	3
Diarrhoea under 2 years	-	-	-
Appendicitis	-	-	-
Other Digestive Diseases	6	4	2
Acute and Chronic Nephritis ...	3	1	2
Puerperal Sepsis	-	-	-
Other Puerperal Diseases	1	-	1
Premature Birth	4	-	4
Congenital Defects Birth Injury...	5	1	4
Road Traffic Accidents	3	3	-
Suicide	2	2	-
Other Violence	5	3	2
All other causes	22	9	13
Totals	188	88	100

BIRTH-RATES, DEATH-RATES, ANALYSIS OF MORTALITY, MATERNAL DEATH-RATES, AND CASE-RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1943. ENGLAND AND WALES, LONDON, 126 GREAT TOWNS AND 148 SMALLER TOWNS.

	Stokesley R. D.	England and Wales	126 County Boroughs & Great Towns including London.	148 Smaller Towns (Resi- dent Popula- tions 25,000 to 50,000 at 1931 Census.	London Administra- tive County.
Rates per 1,000 Population.					
Births:-					
Live	17.0	16.5	18.6	19.4	15.8
Still	0.52	0.54	0.63	0.61	0.45
Deaths:-					
All Causes ...	12.2	12.1	14.2	12.7	15.0
Typhoid and Paratyphoid Fevers	-	-	-	-	-
Smallpox ...	-	-	-	-	-
Measles ...	-	0.02	0.02	0.02	0.02
Scarlet Fever ..	-	-	-	-	-
Whooping Cough .	-	0.03	0.03	0.03	0.03
Diphtheria ...	-	0.03	0.04	0.04	0.02
Influenza ...	0.65	0.37	0.36	0.37	0.27
Notifications:-					
Smallpox ...	-	-	-	-	-
Scarlet Fever...	2.4	3.01	3.29	3.54	3.80
Diphtheria ...	0.65	0.88	1.12	0.77	0.74
Enteric Fever ..	-	0.01	0.01	0.02	0.01
Erysipelas ...	0.19	0.31	0.35	0.27	0.42
Pneumonia ...	1.7	1.34	1.62	1.16	1.27
Cerebro-Spinal Fever	0.26	0.08	0.10	0.06	0.09
Whooping Cough..	2.7	2.54	2.82	2.25	2.68
Measles	15.2	9.88	9.23	9.77	9.17
Rates per 1,000 Live Births.					
Deaths under 1 year of age ...	38.2	49	58	46	58
Deaths from Diarrhoea and Enteritis under 2 years of age	-	5.3	7.9	4.4	10.4
Rates per 1,000 Total Births (Live and Still)					
Maternal Mortality:-					
Puerperal Sepsis	-	0.39)	Not available.		
Others ...	3.7	1.9)			
Total ...	3.7	2.3)			
Notifications:-					
Puerperal Fever)					3.05)
Puerperal .)	-	11.68	15.11	9.26)
Pyrexia					15.23)

